Connecticut

Science and Engineering Profile

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 1999[1]	9,470	518,670	19	Total R&D performance, 1998 (millions)	$3,559	$214,668	17
Doctoral engineers, 1999[1]	1,320	107,100	24	Industry R&D, 1998 (millions)	$3,113	$163,480	15
S&E doctorates awarded, 1999[1]	369	25,953	23	Academic R&D, 1998 (millions)	$403	$25,342	21
of which, in life sciences	32%	25%		of which, in life sciences	76%	57%	
in social sciences	23%	16%		in engineering	8%	16%	
in physical sciences	20%	14%		in physical sciences	6%	9%	
S&E postdoctorates, 1998[1]				Public higher education current-fund			
in doctorate-granting institutions	377	39,494	25	expenditures, 1997 (millions)	$1,206	$125,236	36
S&E graduate students, 1998[1]				Number of SBIR awards, 1990-98	1,065	35,413	11
in doctorate-granting institutions	4,878	422,834	28	Patents issued to state residents, 1999	1,794	83,901	14
Population, 1999 (thousands)	3,282	276,580	30	Gross state product, 1998 (billions)	$142	$8,800	21
Civilian labor force, 1999 (thousands)	1,692	140,536	28	of which, agriculture	1%	1%	
				manufacturing, mining, construction	20%	22%	
Personal income per capita, 1999	$39,300	$28,542	2	transportation, communication, utilities	6%	9%	
				wholesale and retail trade	14%	16%	
Federal spending				finance, insurance, real estate	28%	19%	
Total expenditures, 1999 (millions)	$19,241	$1,508,933	28	services	22%	21%	
R&D obligations, 1998 (millions)	$692	$70,445	23	government	9%	12%	

NOTE: Rankings and totals are based on data for the 50 States, District of Columbia, and Puerto Rico. Reliability of the estimates of industry R&D and of doctoral scientists and engineers varies by State, because the sample allocation was not based on geography. The rankings do not take into account the margin of error of estimates from sample surveys.

[1]Data on graduate students, doctoral scientists and engineers, and postdoctorates include all graduate degree (except M.D.) candidates and recipients in S&E fields, including health fields. Data on S&E doctorates awarded do not include health fields.

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1998

Agency	Performer							
	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank, total
	[In thousands of dollars]							
Total, all agencies	692,341	18,257	0	379,213	265,433	23,557	5,881	23
Department of Agriculture	6,151	2,591	0	0	2,679	0	881	46
Department of Commerce	5,728	235	0	3,145	2,348	0	0	23
Department of Defense	283,579	5,111	0	259,984	8,690	9,794	0	21
Department of Energy	54,480	0	0	44,129	10,351	0	0	20
Dept. of Health & Human Services	236,460	24	0	6,995	215,093	11,407	2,941	14
Department of the Interior	1,467	1,296	0	55	116	0	0	49
Department of Transportation	14,327	9,000	0	3,704	0	0	1,623	8
Environmental Protection Agency	891	0	0	210	245	0	436	40
National Aeronautics and Space Admin	63,436	0	0	58,961	2,441	2,034	0	13
National Science Foundation	25,822	0	0	2,030	23,470	322	0	24
State rank, total	23	46	na	18	17	18	15	na

NOTE: Federal R&D obligations are as reported by funding agencies. Ranks and totals are based on data for the 50 States, District of Columbia, and Puerto Rico.

KEY: FFRDC = federally funded research and development center; SBIR = small business innovation research; na = not applicable.

SOURCES: Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources -- see the section, "Data Sources for Science and Engineering (S&E) State Profiles".